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=> d his; d tot ibib abs

(FILE 'USPATFULL' ENTERED AT 21:51:50 ON 22 FEB 2004)
DEL HIS

FILE 'CAPLUS' ENTERED AT 22:03:47 ON 22 FEB 2004

L1 6673 S ALCOHOLYSIS/IA
L2 18929 S TRANSESTERIF?/IA
L3 35671 S (?ALKYL(2W)ESTER#)/IA
L4 938420 S (FAT# OR OIL#)
L5 210243 S ALCOHOL/IA
L6 276 S L1(4W)L4
L7 4 S L6 AND L3 AND L5
L8 1454 S L2(4W)L4
L9 4 S L8 AND L3 AND L5
L10 3517 S "ONE PHASE"/IA
L11 3 S L10 AND L8

FILE 'TULSA' ENTERED AT 22:09:51 ON 22 FEB 2004

L12 0 S "ONE PHASE" TRANSESTERIF?
L13 0 S "ONE PHASE" TRANSESTERIFICATION
L14 0 S "ONE PHASE" ALCOHOLYSIS
L15 0 S "ONE PHASE" METHANOLYSIS

FILE 'USPATFULL' ENTERED AT 22:11:17 ON 22 FEB 2004

L16 19159 S "ONE PHASE"
L17 3473 S ALCOHOLYSIS
L18 14414 S TRANSESTERIF?
L19 59076 S (?ALKYL(2W)ESTER#)
L20 572114 S (FAT# OR OIL#)
L21 362596 S ALCOHOL
L22 139 S L17(4W)L20
L23 0 S L22 AND L16 AND L19
L24 2 S L22 AND L16
L25 475 S L18(4W)L20
L26 1 S L25 AND L19 AND L21 AND L16
L27 0 S L16(4W)L18

L27 HAS NO ANSWERS

L16 19159 SEA FILE=USPATFULL "ONE PHASE"
L18 14414 SEA FILE=USPATFULL TRANSESTERIF?
L27 0 SEA FILE=USPATFULL L16(4W)L18

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L26 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 94:88819 USPATFULL

TITLE: Process for the continuous production of lower
alkyl esters of higher fatty acids

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LEGAL REPRESENTATIVE:	Ostrolenk, Faber, Gerb & Soffen	
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EXEMPLARY CLAIM:	1	
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LINE COUNT:	338	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Production of lower **alkyl esters** of higher fatty acids from an oil phase and lower alcohols by catalytic transesterification at reaction temperatures of up to 100.degree. C. in the presence of an alkaline catalyst, includes a) introducing a mixture of oil phase, **alcohol** and catalyst at reaction temperature into the top of a first reactor column, at a rate of flow which is lower than the sinking rate of the glycerine separated from the reaction mixture, b) the reaction mixture is passed into a second reactor for further transesterification, c) the thus obtained reaction mixture is further freed of glycerine in an initial separating stage by means of a short-term washing, d) the reaction mixture is passed into a third reactor with addition of further **alcohol** and catalyst, and at a rate of flow conforming to the first stage of the process, e) the reaction mixture is further transesterified, f) reaction product is freed of the remaining methanol, glycerine, soaps formed and catalyst in a second separating stage, under addition of an aqueous extraction buffer solution, and g) the reaction mixture is freed of lower alcohols by stripping, washed with suitable extraction and washing solutions and dried.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.